

ird_key	ird_id	release	source_interface	dest_interface	ird_text	interpret_text
39	ASTER-0020	4P	ASTER	ECS	ASTER GDS shall have the capability to send and ECS (EDC DAAC) shall have the capability to receive all algorithms, source code, and documentation used by the ASTER GDS to process ASTER Level 0 data to Level 1 and higher level standard products.	
40	ASTER-0030	4P	ECS	ASTER	ECS (EDC DAAC) shall have the capability to send and ASTER GDS shall have the capability to receive all algorithms, source code, and documentation used by ECS to process ASTER Level 1 data to higher level standard products.	A document / report, not an electronic medium.
41	ASTER-0100	4P	ASTER	ECS	ASTER GDS shall have the capability to send and ECS shall have the capability to receive information on ASTER instrument operations and constraints that may be applicable to DAR specification. The ASTER instrument constraint information shall include (at a minimum): a. descriptive information for the ASTER instrument b. default settings for instrument configurable parameters c. range of values for instrument configurable parameters d. instrument constraint information	A document / report, not an electronic medium.

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42	ASTER-0110	4PY	ECS	ASTER	<p>ECS shall have the capability to send and ASTER GDS shall have the capability to receive DARs for the ASTER instrument.</p> <p>DARs shall contain the following information, at a minimum: a. Observation number b. Experimenter identification c. Experimenter address d. Investigation identification e. Scientific discipline f. Observation repetition period g. Tolerance in observation time h. User priority i. Scheduling priority and target of opportunity flag j. Descriptive text k. Location data expressed in terms of longitude and latitude as earliest start coordinates and latest stop coordinates l. Earliest start time m. Latest stop time n. Minimum coverage required o. Maximum coverage desired p. Deleted q. Deleted r. Associated product generation request and product distribution request s. Pointing angle t. Calibration requirements u. Coordination requirements v. Data transmission requirements w. Illumination requirements (day/night) x. Specific time of observation y. Sun angle z. Direct downlink option</p>	

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43	ASTER-0120	5A	ASTER	ECS	ASTER GDS shall have the capability to send and ECS shall have the capability to receive DAR status, when requested by ECS. DAR status shall include such information as confirmation or rejection of the DAR, and notification of DAR scheduling and completion, to include at a minimum: a. Date and time b. Instrument ID c. DAR ID d. Request status e. Implementation schedule f. If rejection, then the reason for the rejection.	
51	ASTER-0815	4P-5B	ASTER	ECS	ASTER GDS shall have the capability to send and ECS shall have the capability to receive directory metadata related to ASTER GDS data products.	4P: Request for ASTER GDS data. 5B: ASTER GDS provides and ECS receives metadata.
55	ASTER-0840	No Data	ASTER	ECS	ASTER GDS shall have the capability to send and ECS shall have the capability to receive guide information.	
61	ASTER-0880	No Data	ECS	ASTER	ECS shall have the capability to send and ASTER GDS shall have the capability to receive user authentication requests for ASTER GDS privileges of EOSDIS users.	
62	ASTER-0885	No Data	ASTER	ECS	ASTER GDS shall have the capability to send and ECS shall have the capability to receive user authentication information specifying ASTER GDS privileges for EOSDIS users.	
63	ASTER-0890	No Data	ASTER	ECS	ASTER GDS shall have the capability to send and ECS shall have the capability to receive user authentication requests for ECS privileges of ASTER GDS users.	

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64	ASTER-0895	No Data	ECS	ASTER	ECS shall have the capability to send and ASTER GDS shall have the capability to receive user authentication information specifying ECS privileges for ASTER GDS users.	
66	ASTER-0910	No Data	ASTER	ECS	ASTER GDS shall have the capability to send and ECS shall have the capability to receive product delivery status information. Product delivery status information contains the following information, at a minimum: a. Requester identification b. Request identification c. Request status d. If rejection, then the reason for the rejection e. If delayed longer than the latest completion time specified by the user, adjusted start and stop times.	
67	ASTER-0915	No Data	ECS	ASTER	ECS shall have the capability to send and ASTER GDS shall have the capability to receive requests for product delivery status.	

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69	ASTER-0930	5B	ECS	ASTER	ECS shall have the capability to send and ASTER GDS shall have the capability to receive product delivery status information. Product delivery status information contains the following information, at a minimum: a. Requester identification b. Request identification c. Request status d. If rejection, then the reason for the rejection e. If delayed longer than the latest completion time specified by the user, adjusted start and stop times.	
73	ASTER-1000	4P	ECS	ASTER	ECS shall have the capability to send and ASTER GDS shall have the capability to receive ECS system and network management information.	
74	ASTER-1005	4P	ECS	ASTER	ECS shall have the capability to send and ASTER GDS shall have the capability to receive requests for ASTER GDS network management information.	
75	ASTER-1010	4P	ASTER	ECS	ASTER GDS shall have the capability to send and ECS shall have the capability to receive ASTER GDS system and network management information.	
76	ASTER-1015	4P	ASTER	ECS	ASTER GDS shall have the capability to send and ECS shall have the capability to receive requests for ECS system management information.	
80	ASTER-2060	EOC	ECS	ECS	The ECS SDPS function of receiving science data shall have an operational availability of 0.999 at a minimum and an MDT of two (2) hours or less.	Meet specifications by EOC.

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81	ASTER-2080	EOC	ECS	ECS	The ECS function for gathering and disseminating management information shall have an operational availability of .998 at a minimum and an MDT of 20 minutes or less, for critical services.	Meet specifications by EOC.
82	ASTER-5000	4PY	No Data	No Data	The estimated volume of ASTER Level 1a data sent from the ASTER GDS to ECS is 131.472 <u>97.125</u> GB/day.	
83	ASTER-5010	4PY	No Data	No Data	The estimated volume of ASTER Level 1b data sent from the ASTER GDS to ECS is 38.75 GB/day <u>the data volume that results when at least 40% of the ASTER Level 1a data is processed to Level 1b.</u>	